

# LINCS Retreat & Outreach Meeting

March 10-11, 2016

## March 10<sup>th</sup> (Day 1):

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### SESSION 1: LINCS RETREAT & WORKING GROUP MEETINGS (8:30a – 2:45p)

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- 8:30-12:00      LINCS centers and DCIC
- Supplement award presentations (3 slides/5 min max)
- updates on center activities and supplement awards***
- 12:00-12:30      Lunch
- 12:30-2:45      Collaborative/Common projects discussions (MCF10A, iPSC) and working groups
- How to integrate data across centers, frame paradigm for iPSC project.***

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### SESSION 2: LINCS OUTREACH KICKOFF (3:00p – 9:00p)

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#### **Effective use of LINCS data and challenges in Big Data analysis.**

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- 3:00-3:10      Welcome from NIH (Ajay Pillai)
- 3:10-3:30      Walter Koroshetz (NINDS)
- 3:30-4:00      Zak Kohane (Harvard Medical School)
- 4:00-4:30      DCIC: “ LINCS Data Analysis, Integration and Visualization”
- 4:30-5:00      Henry Rodriguez (NCI)
- 5:00-6:00      Break, transit back to hotel
- 6:00-9:00      Dinner and poster session (hotel)

**March 11<sup>th</sup> (Day 2):**

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**SESSION 3: INSPIRATIONS AND ASPIRATIONS FOR LINC (8:00a – 12:00p)**

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8:00 Coffee/Breakfast

8:30-12:00 LINC Mini-symposium

8:00-8:30 Jane Roskams, Allen Institute for Brain Science

9:00-9:30 Fred Gage, Salk Institute  
“Modeling Human Brain Disease and Aging in vitro”

9:30-10:00 Gustavo Stolovitzky, IBM/DREAM  
“The DREAM Challenges: leveraging community expertise for data analytics and biological insights”

10:00-10:15 Break

10:15-10:45 Phil Nelson, Google

10:45-11:15 Trey Ideker, UCSD

11:15-12:00 Discovering and serving data in the 21<sup>st</sup> century (Panel Discussion).

Panelists will include speakers and individuals who think about posting data and consumers of data. Solicit needs of the community and what they would like to see. Questions to include relate to how best to provide data to the scientific community that can be used productively, how to reach target communities, training in use of data, how to use diverse data types, approaches to QC/data integration and standardization.

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12:00-1:00 Break for lunch

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**SESSION 4: HANDS ON WITH LINC (1:00p – 4:00p)**

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***Getting familiar with LINC data***

1:00-1:45 LINC Transcriptional Connectivity Maps – How to use, access, query, and make sense of LINC L1000 perturbational data

2:00-5 pm *Breakout Parallel Sessions: Genome molecular techniques, Proteomics track, Imaging Track, Cancer cells and iPSC, bioinformatics*